



SOUTH TEXAS
COLLEGE

UNIVERSAL WASTE MANAGEMENT PLAN



FACILITIES OPERATIONS AND MAINTENANCE DEPARTMENT

ENVIRONMENTAL, HEALTH, & SAFETY

SOUTH TEXAS COLLEGE | 3201 W. PECAN BLVD. MCALLEN TX. 78501

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I) **Universal Waste Management Plan**

This plan has been developed to provide specific procedures for the management of Universal wastes generated at South Texas College (STC). This plan also serves to ensure compliance with United States Environmental Protection Agency (USEPA) and Texas Commission on Environmental Quality (TCEQ) regulations pertaining to management of universal waste.

II) **Responsibilities**

As an academic institution, South Texas College supports the use of chemicals and other potentially hazardous materials for purposes of the day-to-day operations, lab practical and instruction. The college is dedicated to the safety of its students, employees, and visitors and intends to comply with all regulatory requirements which impact its facilities and operations. Failure to enforce or follow any safety procedures may result in appropriate disciplinary actions in accordance with college policy. STC has designated the following specific responsibilities:

- **President/Vice President of Finance and Administrative Services**
Has final responsible for providing the necessary resources for the proper and compliant management of universal waste generated by all areas at STC.
- **Facilities Operations and Maintenance Department**
The Facilities Operations and Maintenance Department will administer the waste management plan and will provide storage and disposal guidance to all areas that generate universal waste.
 - **Director of Facilities Operations and Maintenance**
 - Require all staff to adhere to the requirements of this plan.
 - Require all staff who handles universal waste to receive training.
 - Require inspections of all locations where Universal waste is stored to ensure is being managed properly.
 - **Environmental, Health and Safety Manager**
 - Maintain appropriate and current waste certifications and permits.
 - Update Universal Waste Management Plan at least annually.
 - Inspect the designated universal waste accumulation locations.
 - Review laws and regulations for compliance.
 - Ensure proper reporting to corresponding environmental agencies.
 - **Faculty and Staff**
The responsibilities of STC Faculty and Staff creating Universal waste include:
 - Enforce Safety regulations in all labs/shops
 - Inform/train students and part time employees of Universal waste handling guidelines
 - Follow the disposal guidelines for each area
 - Report any hazards to supervisors and/or safety officer.

III) Waste Determination

▪ Universal Waste

The universal waste identification process is the crucial first step in the universal waste management plan. Correctly determining whether a waste meets the definition of universal waste is essential to determining how the waste must be managed. The waste generator has responsibility for determining if a waste is a universal waste.

IV) Universal waste

EPA's universal waste regulations streamline hazardous waste management standards for federally designated "universal wastes," which include:

- Batteries
- Pesticides
- Mercury-containing equipment
- Bulbs (lamps)
- Paint and paint related materials
- Aerosol cans

The regulations govern the collection and management of these widely generated wastes, thus facilitating environmentally sound collection and proper recycling or treatment.

These regulations also ease the regulatory burden on retail stores and others that wish to collect these wastes and encourage the development of municipal and commercial programs to reduce the quantity of these wastes going to municipal solid waste landfills or combustors. In addition, the regulations also ensure that the wastes subject to this system will go to appropriate treatment or recycling facilities pursuant to the full hazardous waste regulatory controls. The federal universal waste regulations are set forth in 40 CFR part 273 (epa.gov).

V) Satellite Accumulation Areas

- A satellite accumulation area is an area at or near any point of generation where universal waste initially accumulates and that is under the control of the operator of the process generating the waste. A generator may accumulate up to fifty-five gallons of universal waste at a satellite accumulation area (40 CFR 262.34(c)).(epa.gov)
- This area must be clearly marked, Satellite Accumulation Area and secured or separated from the normal laboratory or work area.
- Collection containers must always be securely closed except during the act of filling and labeled with accumulation start date.

VI) Labeling Waste Containers

- A container that contains any of the universal waste shall be labeled.
- If a container does not have a label and waste is stored within, one shall be placed and identified.
- All containers that contain a hazardous, universal and non-Universal waste shall be labeled accordingly.
- If a container contains universal waste, “Universal waste” label shall be placed on the container with accumulation start date.
- All labels will be legible, in English, and prominently displayed on the container.

VII) Training

Appropriate training must be provided to ensure that individuals involved in universal waste generation and disposal understand regulatory requirements and methods to minimize hazards and risk associated with the management of Universal waste. This training may include instructions in EPA, TCEQ, OSHA and USDOT.

VIII) Removal of Universal waste

- Each department shall be responsible for the removal and disposal of universal waste
- Each department will make arrangements for pickup and disposal at regular intervals before the material exceeds the legal storage time.
- All waste shall be removed and disposal of by the first year of accumulation start date.
- Each department shall follow proper waste disposal procedures set by the Environmental, Health and Safety Program.
- All copies shall be kept for at least three (3) years.

IX) Transportation and Disposal Management

All transportation of universal waste outside the college shall be performed by an authorized transporting company that complies with:

- EPA (Standard for transporters of Universal waste (40 CFR 263)
- USDOT (49 CFR Parts 173,177 and 178)
- TCEQ (30 TAC Sections 335.9 – 335.94)

X) Recordkeeping and Reporting

The Environmental, Health, and Safety Manager is responsible of collecting and filing all records required by TAC 30 chapter 335.

- Records must be kept for at least three (3) years from the due date of the report.
- Records can be kept in any format but they must be easy to retrieve and copy.

TAC 30 Chapters 335

- Generators: 30 TAC, Section 335.9
- Manifesting: 30 TAC, Section 335.10
- Waste Shipments: 30 TAC, Section 335.13
- Transporters: 30 TAC, Section 335.14
- Receivers: 30 TAC, Section 335.15

XI) Emergency response

Any risk associated with the handling of universal waste such as spills, leaks, releases or other must be managed in accordance with this plan. This information will provide actions of personnel to minimize the hazards to human health and environment.

Trained personnel will be available to respond to any emergency call 24 hours per day and can be contacted through the Security Dispatch office at 956-872-2589.

In case of a major or catastrophic event, Call 911 or ext. 4444 for Campus Police. Responder must immediately report to Environmental, Health, and Safety Manager or the Director of Facilities Operations and Maintenance for further instructions.